



PATIENT

Miko Koedel

SPECIES

Canine

BREED

Golden Retriever

SEX

M

AGE

8Y

WEIGHT

93

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Mobile Pet Imaging

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

Armstrong

INVOICE

74627

DATE

4-16-26

PRESENTING CLINICAL SIGNS

Pet has been sneezing and snoring when he sleeps for couple months. Miko has had episodes of epistaxis.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

A pre- and post-contrast CT study of the head is provided for review totaling 3 series. One pre-contrast series of the head bone algorithm. Two post-contrast series of the head, bone algorithm.

COMPUTED TOMOGRAPHIC FINDINGS

A lesion is identified within the left nasal cavity, demonstrating heterogeneous and different characteristics along its rostrocaudal extent.

In the caudal portion of the left nasal cavity, beginning approximately at the level of Triadan tooth 207, there is a mass effect characterized by an irregular, partially defined, vegetative soft tissue lesion. This region demonstrates heterogeneous attenuation, predominantly hypoattenuating, with multifocal areas of contrast enhancement. The lesion is predominantly ventrally located and extends into the left choana, resulting in partial obstruction of the nasopharyngeal airway. It measures approximately 4.1 x 2.9 x 2.0.

Rostral to this region, there is mild focal turbinate atrophy. Further rostrally, the nasal cavity is completely filled by heterogeneous hypoattenuating material, resulting in obliteration of the normal air-filled lumen and also moderate loss of turbinate detail.

The nasal septum is preserved.

The paranasal bones show normal integrity, with no evidence of osteolysis, hyperostosis, or aggressive bone disease.

The cribriform plate is intact.

The right nasal cavity is unremarkable and air-filled.

The frontal sinuses are aerated and within normal limits.

All teeth are present, with no evidence of associated dental disease.

The soft palate appears subjectively thickened.

The salivary glands, and adjacent soft tissues are within normal limits.

The temporomandibular joints are bilaterally congruent.

The tympanic cavities and external auditory canals are within normal limits.

The globes and retrobulbar spaces are within normal limits.

The medial retropharyngeal lymph nodes and mandibular lymph nodes are unremarkable.



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COMPUTED TOMOGRAPHIC DIAGNOSIS

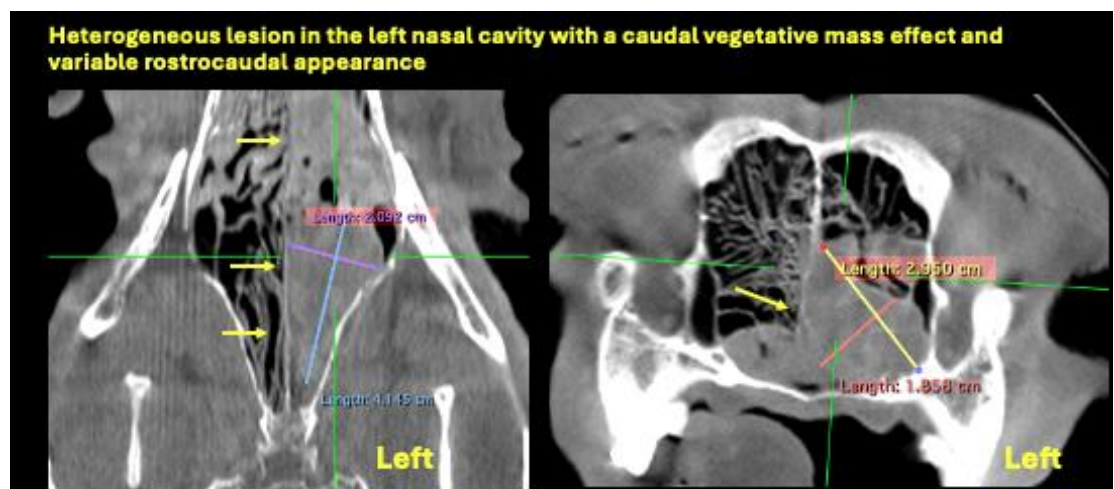
- Heterogeneous lesion affecting the left nasal cavity, exhibiting a variable rostrocaudal appearance. In the caudal portion, there is a vegetative mass effect with irregular, partially defined margins and associated contrast enhancement. Rostral to this region, there is turbinate atrophy, and more rostrally, the nasal cavity is filled with heterogeneous hypoattenuating fluid material.
- The lesion extends into the left choana, resulting in partial obstruction of the nasopharyngeal airway. Differential diagnoses include nasal neoplasia (e.g., carcinoma, adenocarcinoma, lymphoma), chronic fungal rhinitis, severe chronic inflammatory rhinitis (e.g., eosinophilic or lymphocytic-plasmacytic).
- There is no evidence of cribriform plate involvement or aggressive osseous changes.
- Subjective thickening of the soft palate is noted, which may be associated with concurrent pharyngitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT imaging findings are consistent with a space-occupying lesion in the left nasal cavity, with features that raise suspicion for nasal neoplasia, particularly given the unilateral distribution, presence of mass effect, and partial contrast enhancement. The associated turbinate atrophy and complete filling of the nasal cavity further support an aggressive or chronic process.

Additional differential diagnoses include chronic fungal rhinitis and severe chronic inflammatory rhinitis (e.g., eosinophilic or lymphocytic-plasmacytic).

Rhinoscopy with targeted biopsy or nasal flush biopsy is recommended for definitive diagnosis. Investigation for fungal disease is also advised.



Heterogeneous lesion in the left nasal cavity with a caudal vegetative mass effect and variable rostrocaudal appearance



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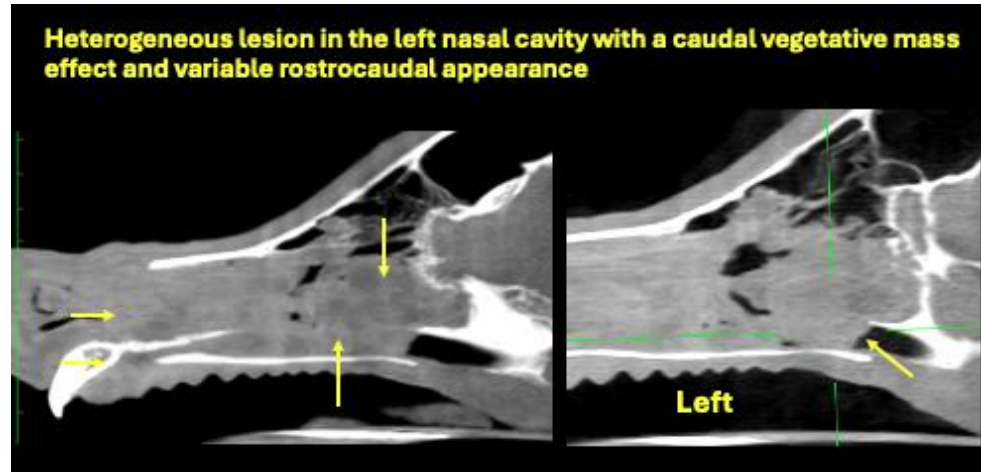
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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info@sonopath.com